

# SONY®

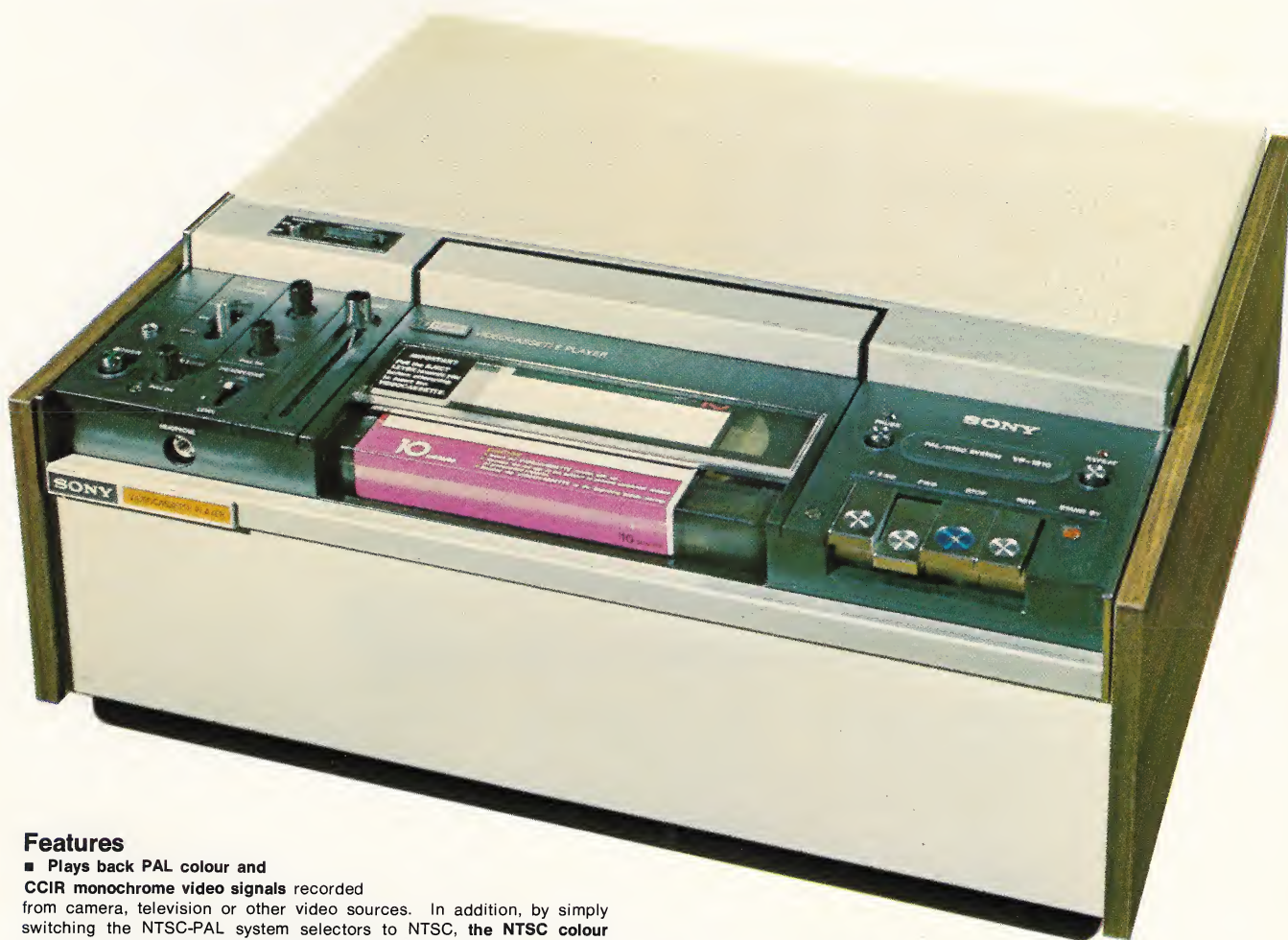
## BULLETIN

# VIDEO

# VP1210AS

## VIDEOCASSETTE PLAYER

A FEATURE PACKED GLOBAL COMMUNICATION SYSTEM



### Features

- **Plays back PAL colour and CCIR monochrome video signals** recorded from camera, television or other video sources. In addition, by simply switching the NTSC-PAL system selectors to NTSC, the NTSC colour and American standard monochrome video signals can be played back through a special Sony colour receiver/monitor or a Trinitron videocassette monitor.
- **High resolution colour and monochrome pictures** due to the advanced circuit design, reliable mechanical engineering techniques and high quality videocassette tape. APC (Automatic Phase Control) incorporating AFC (Automatic Frequency Control) assures stable colour pictures. **Colour resolution of more than 240 lines and monochrome resolution of more than 300 lines.** The  $\frac{3}{4}$ -inch tape provides the optimum combination of picture stability and quality with a slow speed (95.3mm/s, 3 $\frac{3}{4}$  ips) for tape economy, while allowing adequate space for two audio tracks.
- **Repeat function** for continuous playing of tape. The tape stops at the end, rewinds to the beginning and plays back again—all automatically. The repeat function can be activated at any point during playback.
- **The memory counter and the repeat function are linked** to provide various tape motions for continuous playing—AUTO REPEAT, PROGRAMMED REWIND and PROGRAMMED REPEAT.
- **Easy operation**—No need to thread the tape. Videocassette can also be stopped and removed at any point without rewinding. Minimum number of controls.

- **Easy playback picture viewing**

—No special monitors needed.

**Built-in RF modulator** allows the recorded tape to playback through a conventional TV receiver.

- **Pause button** to stop tape momentarily. Quick restart is assured by pushing the pause button again.

- **Two audio tracks provide bilingual message or hi-fi stereo sound** through a stereo system. Stereo headphone may be also used.

- **Full systems capability**—Signals can be fed to CCTV system or conventional video system.

- **Highly reliable and stable solid-state circuitry**—Automatic control circuits using advanced ICs and transistors ensure top quality performance and long-term reliability with virtually no maintenance.

- **Complete tape interchangeability**—Tapes recorded on U-matic videocassette recorder/players, or commercially available pre-recorded tape using the PAL system or the NTSC system can be played back on the set. **Skew and tracking controls** are provided for precise tape control. You can obtain a **full line of highly specialized videocassette programmes completely tailored to your needs.**

- **Commercially available timer** can be used to automatically turn the set on at a preset time in the absence of an operator.

## VP1210AS

RESEARCH MAKES THE DIFFERENCE

# SONY®

# VP1210AS VIDEOCASSETTE PLAYER

## SPECIFICATIONS

### General

Video recording system: Rotary two-head helical scan system  
 Luminance: FM recording  
 Colour signal: Converted subcarrier direct recording

Video signal system: PAL video signals (625 lines, 50 fields)  
 Modified NTSC video signals (525 lines, 60 fields)

Storage temperature:  $-4^{\circ}\text{F}$  to  $140^{\circ}\text{F}$  ( $-20^{\circ}\text{C}$  to  $60^{\circ}\text{C}$ )  
 Operating temperature:  $41^{\circ}\text{F}$  to  $104^{\circ}\text{F}$  ( $5^{\circ}\text{C}$  to  $40^{\circ}\text{C}$ )  
 Power requirements: AC 110, 127, 220 or 240V  $\pm 5\%$  (selectable with voltage selector), 50Hz  $\pm 0.5\%$   
**VP-1210AS** is preset at 240V

Power consumption: 95 watts  
 Dimensions: 550(W)x238(H)x466mm(D)  
 ( $21\frac{11}{16}\times 9\frac{9}{16}\times 18\frac{3}{16}$ )

Weight: 29 kg (64 lb)

### Video signal

Output: 1.0V (p-p), 75 ohms, unbalanced  
 Horizontal resolution: Monochrome: more than 300 lines  
 Colour: more than 240 lines  
 Signal-to-noise ratio: Better than 40dB

### Audio signal

Output (both channels): LINE OUT, 10k ohms, 0dB, unbalanced  
 AUDIO MONITOR OUT, 10k ohms 0dB, unbalanced  
 HEADPHONE OUT,  $-24\text{dB}/-34\text{dB}$  (selectable)  
 8 ohms, unbalanced

Crosstalk: Better than 40dB  
 Frequency response: 100Hz - 6kHz  $\pm 2\text{dB}$ , 50Hz-12kHz  $\pm 5\text{dB}$   
 Signal-to-noise ratio: Better than 42dB

### RF signal:

**VP-1210AS** Australian Standard VHF channel 1  
 (changeable to channel 4 at your nearest Sony dealer), preset at AC 240V

### Tape transport

Tape speed: 95.3mm/s ( $3\frac{3}{4}$  ips)  
 Wow and flutter: Less than 0.25% rms  
 Playback time: 60 min. (using Sony KC-60)  
 30 min. (using Sony KC-30)

### Fast forward and rewind

time: Approx. 3 min. (using Sony KC-60)

### Supplied accessories:

AC power cord  
 UHF output cable with 75-ohm antenna plug and UHF plug; Dust cover

### Recommended Optional

Accessories: SPECIAL COLOUR RECEIVER/MONITORS  
 13 INCH.....CVM1310AS  
 18 INCH.....CVM1830AS  
 CVM1810E  
 CKV181E

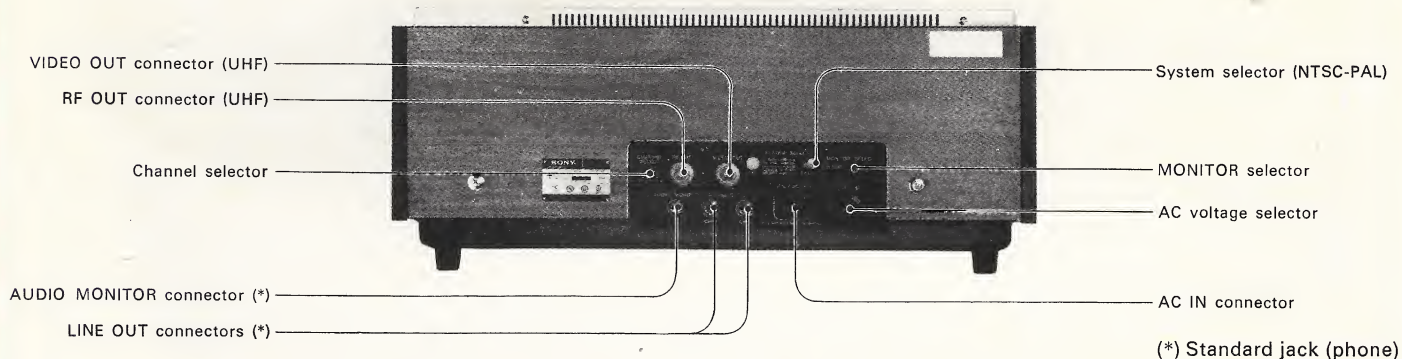
### PAL COLOUR TV RECEIVERS

13 INCH.....KV1300AS  
 KV1310AS  
 18 INCH.....KV1800AS  
 KV1830AS  
 KV1835AS

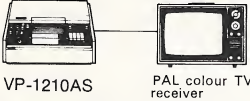
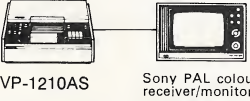
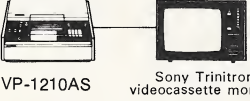
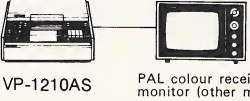
### HEADPHONES

DR7, DR9, DR11, DR15

Design and specifications are subject to change without notice.



### A variety of combinations

Combination of Equipment	Playback		Recommended Sony TV receiver or Receiver/monitor
	PAL colour & CCIR monochrome recorded tape	NTSC colour & EIA monochrome recorded tape	
 VP-1210AS PAL colour TV receiver	Yes	No	KV-1300AS KV-1310AS KV-1800AS KV-1830AS KV-1835AS
 VP-1210AS Sony PAL colour receiver/monitor	Yes	Yes	CVM-1810E CVM-1830AS CVM-1310AS
 VP-1210AS Sony Trinitron videocassette monitor	Yes	Yes	CKV-181E
 VP-1210AS PAL colour receiver/monitor (other maker)	Yes	No	—